

TUNABLE CHANNEL SPACING FOR WAVELENGTH DIVISION
MULTIPLEXING (WDM) TRANSPORT SYSTEM

ABSTRACT OF THE DISCLOSURE

5 A method and system for tuning channel spacing for a wavelength division multiplexing (WDM) transport system includes determining a spectrum width for a channel. A bandwidth of a group of base channels covering the spectrum width for the channel is allocated to the channel. A passband of a channel filter at a center frequency of the group is adjusted to correspond to the spectrum width of the channel.